

CRF Errors Corrected by the STIC Systems Branch

03 CD 01/18/93

Serial Number: 09/036,113

CRF Processing Date: 3/14/98
 Edited by: AD
 Verified by: AD (STIC staff)

- ENTERED
- ☐ Changed a file from non-ASCII to ASCII
 - ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
 - ☐ Edited a format error in the Current Application Data section, specifically: _____
 - ☐ Edited the Current Application Data section with the actual current number. The number input by the applicant was ☐ the prior application data; or ☐ other _____
 - ☐ Added the mandatory heading and subheadings for "Current Application Data".
 - ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
 - ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
 - ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
 - ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
 - ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
 - ☐ Inserted colons after headings/subheadings. Headings edited included: _____
 - ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
 - ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
 - ☐ Inserted mandatory headings, specifically: _____
 - ☐ Corrected an obvious error in the response, specifically: _____
 - ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
 - ☐ Corrected an error in the Number of Sequences field, specifically: _____
 - ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
 - ☒ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: 2
 - ☐ Other: _____

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/036,113

DATE: 03/14/98
TIME: 17:48:47

INPUT SET: S24228.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Cupp, Mary S.
6 Cupp, Eddie W.
7
8 (ii) TITLE OF INVENTION: ANTITHROMBIN PROTEIN AND DNA SEQUENCES
9
10 (iii) NUMBER OF SEQUENCES: 2
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: W. Murray Spruill (Alston & Bird, LLP)
14 (B) STREET: 3605 Glenwood Ave. Suite 310
15 (C) CITY: Raleigh
16 (D) STATE: NC
17 (E) COUNTRY: USA
18 (F) ZIP: 27622
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (viii) ATTORNEY/AGENT INFORMATION:
32 (A) NAME: Spruill, W. Murray
33 (B) REGISTRATION NUMBER: 32,943
34 (C) REFERENCE/DOCKET NUMBER: 5721-5
35
36 (ix) TELECOMMUNICATION INFORMATION:
37 (A) TELEPHONE: 919 420 2202
38 (B) TELEFAX: 919 881 3175
39
40
41 (2) INFORMATION FOR SEQ ID NO:1:
42
43 (i) SEQUENCE CHARACTERISTICS:
44 (A) LENGTH: 532 base pairs
45 (B) TYPE: nucleic acid
46 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/036,113DATE: 03/14/98
TIME: 17:48:48

INPUT SET: S24228.raw

47 (D) TOPOLOGY: linear

48

49 (ii) MOLECULE TYPE: cDNA

50

51 (vi) ORIGINAL SOURCE:

52 (A) ORGANISM: Simulium vittatum

53

54 (ix) FEATURE:

55 (A) NAME/KEY: CDS

56 (B) LOCATION: 1..294

57

58

59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

60

61	GAG	GTG	GCG	AAT	TTG	CAG	GAC	CAT	CGA	GCT	GTT	GAA	TTT	GTG	TGC	GAG	48
62	Glu	Val	Ala	Asn	Leu	Gln	Asp	His	Arg	Ala	Val	Glu	Phe	Val	Cys	Glu	
63	1				5					10					15		

64

65	AAG	GAT	ACT	GAA	AAC	CAG	CAT	GGT	TCC	GAT	TGC	CTG	CTT	TCT	TGT	GAC	96
66	Lys	Asp	Thr	Glu	Asn	Gln	His	Gly	Ser	Asp	Cys	Leu	Leu	Ser	Cys	Asp	
67				20					25					30			

68

69	GTG	ATG	TTC	TGG	GAT	ACC	AAA	AAC	GAG	AAC	AAC	AAG	GAA	TAT	GAA	GAC	144
70	Val	Met	Phe	Trp	Asp	Thr	Lys	Asn	Glu	Asn	Asn	Lys	Glu	Tyr	Glu	Asp	
71			35					40					45				

72

73	AGA	TAC	AAT	TTG	TGC	AAA	CAT	TCA	GCC	GCT	TCC	GAA	GAG	AAC	ATT	TGT	192
74	Arg	Tyr	Asn	Leu	Cys	Lys	His	Ser	Ala	Ala	Ser	Glu	Glu	Asn	Ile	Cys	
75		50					55					60					

76

77	GAT	CGC	AAT	GAA	GAA	TTG	AGA	GCC	TGT	TTC	TTG	CAT	GAT	TCG	TCA	TAC	240
78	Asp	Arg	Asn	Glu	Glu	Leu	Arg	Ala	Cys	Phe	Leu	His	Asp	Ser	Ser	Tyr	
79	65					70					75					80	

80

81	GAA	GAG	ACT	TCG	GAC	GAA	TAT	GAA	ATA	ACC	TAC	AGC	ATG	GAT	TCC	CTG	288
82	Glu	Glu	Thr	Ser	Asp	Glu	Tyr	Glu	Ile	Thr	Tyr	Ser	Met	Asp	Ser	Leu	
83				85					90							95	

84

85	TGA	TGA	TCAAACATTG	GTAATAGTTC	AATTGATCGA	AATATGCAGA	AACCGTCCAC	344
86	*	*						

87

88

89	GGTAGTGTAA	TTATAACCCA	TGTTGTTTCGC	ATTGTACTCT	AATTCTACTC	CGTTCATATA	404
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90

91	TGGCTGATGA	GTGCCATCCA	GCCAATGTGA	AACAGGAGTA	TAAAAAGCAC	AATGTGGGTG	464
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92

93	ACAGTCCCAT	TCACACAATA	TGCAAATAAA	ATAATGGAAA	TGACCCCAAA	AAAAAAAAAA	524
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94

95	AAAAAAAAA						532
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96

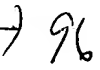
97


98 (2) INFORMATION FOR SEQ ID NO:2:

99

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/036,113DATE: 03/14/98
TIME: 17:48:50

INPUT SET: S24228.raw

100 (i) SEQUENCE CHARACTERISTICS:  96
101 (A) LENGTH: 97 amino acids
102 (B) TYPE: amino acid
103 (D) TOPOLOGY: linear
104
105 (ii) MOLECULE TYPE: protein
106
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
108
109 Glu Val Ala Asn Leu Gln Asp His Arg Ala Val Glu Phe Val Cys Glu
110 1 5 10 15
111
112 Lys Asp Thr Glu Asn Gln His Gly Ser Asp Cys Leu Leu Ser Cys Asp
113 20 25 30
114
115 Val Met Phe Trp Asp Thr Lys Asn Glu Asn Asn Lys Glu Tyr Glu Asp
116 35 40 45
117
118 Arg Tyr Asn Leu Cys Lys His Ser Ala Ala Ser Glu Glu Asn Ile Cys
119 50 55 60
120
121 Asp Arg Asn Glu Glu Leu Arg Ala Cys Phe Leu His Asp Ser Ser Tyr
122 65 70 75 80
123
124 Glu Glu Thr Ser Asp Glu Tyr Glu Ile Thr Tyr Ser Met Asp Ser Leu
125 85 90 95
126
127
128
129



PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/036,113

DATE: 03/14/98
TIME: 17:48:51

INPUT SET: S24228.raw

Line	Error	Original Text
127	Stop Codon at end of sequence removed - no error	